

CLAIMS:

An aerodynamic toy, comprising

- 5 a flying airplane configured to launch into flight by being thrown from a wing portion of the airplane, the airplane including a weighted nose portion, a generally horizontal wing portion, and a rearwardly extending generally vertical portion.

2. The aerodynamic toy of claim 1, wherein the flying airplane is configured to launch by being thrown from a ribbon or other thin, flexible material attached to a wing portion of the airplane.

3. The aerodynamic toy of claim 1, wherein the center of gravity is less than about 30% from the front of airplane relative to the overall length of the airplane.

4. The aerodynamic toy of claim 1, wherein the ratio of the length of the wingspan verses the overall length of the horizontal portion is less than about 1.0.

5. An aerodynamic toy, comprising:

a tossable flier, including:

a first generally flat body portion extending along a first plane, said first body portion being of a single piece of material;

5 a weight provided as part of, on or within a nose portion of said first body portion adjacent said front end; and

a second generally flat body portion extending along a second plane, said first plane and said second plane intersecting along a line that extends longitudinally from said front end to a tail end of said first body portion, said second body portion comprising said tail and extending from a point behind a midpoint of said first body portion towards a rear end portion of said first body portion.

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6. The tossable flier of claim 5 wherein said second body portion is formed from a separate piece of material and is attached to said first body portion.

7. The tossable flier of claim 6 wherein said second body portion is attached to said first body portion using adhesive.

8. The tossable flier of claim 6 wherein said second body portion is attached to said first body portion by inserting a tab into a slot formed in said first body portion.

9. The tossable flier of claim 5 wherein said first body portion and said second body portion are formed of a single piece of material.

10. The tossable flier of claim 5 wherein said weight comprises a metal ball or a die cut weight.

11. The tossable flier of claim 10 wherein said weight is positioned within a hole formed through said first body portion, said hole being covered by a canopy to prevent said weight from becoming removed from said hole.

12. The tossable flier of claim 5 wherein said first body portion includes at least one die cut control surface, said die cut control surface being manipulatable such that a portion of said die cut control surface may be displaced from a planar configuration thereby affecting the flight characteristics of said tossable flier.

13. The tossable flier of claim 12, wherein said second body portion includes at least one die cut control surface, said die cut control surface being manipulatable such that a portion of said die cut control surface may be displaced from a planar configuration thereby affecting the flight characteristics of said tossable flier.

14. The tossable flier of claim 5, wherein said second body portion includes at least one die cut control surface, said die cut control surface being manipulatable such that a portion of said die cut control surface may be displaced from a planar configuration thereby affecting the flight characteristics of said tossable flier.

15. The tossable flier of claim 5, wherein the weight is a die cut weight provided in a die cut cavity in the nose portion.

16. The tossable flier of claim 5, wherein the weight is an injection molded or milled foam ball surrounding a weighted material, the configured with the shape of the cavity to securely engage at least a portion of the cavity walls.

17. The tossable flier of claim 5, wherein at least one of the first and second body portions is substantially flat.

18. The tossable flier of claim 5, wherein the first body portion includes at least one ribbon or other thin, flexible material attached thereto.

19. The tossable flier of claim 18, wherein the at least one ribbon or other thin, flexible material is attached through the first body portion by looping it through a reinforced cavity provided through the first body portion.

20. The tossable flier of claim 5, wherein a portion of the first body portion is configured to receive and contain water or sand in varying amounts.

21. The tossable flier of claim 5, wherein the portion configured to receive and contain water or sand is permanently attached to the first body portion.

22. The tossable flier of claim 5, wherein at least one of the first and the second body portions is constructed at least partially from an open cell foam designed to absorb water.

23. The tossable flier of claim 5, wherein the first body portion includes at least one score line configured to allow a portion of the first body portion to bend out of horizontal relative to another portion of the first body portion.